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DEPARTMENT OF TEXTILE TECHNLOGY

Journal Publications 2023-2024

S.No	Year	Journal Details	Imapct factor	Listed in Scopus / SCI
1	2023- 2024	M.Saravanan (2023) Effect of alkaline hydrolysis on low-stress mechanical properties of polyester/cotton blended weft knitted fabrics/ IJFTR/48/2/167-173 Indian Journal of Fibre & Textile Research, NISCAIR	0.825	WoS/Scopus
2	2023- 2024	Dr.S.Natrajan, Dr.V.Rameshbabu,, Dr.S. Ariharasudhan (2023) "Antimicrobial properties of Acanthus ilicifolius and determination of phytochemical composition", Biomass Conversion and Biorefinery, https://doi.org/10.1007/s13399-023-04723-7 Springer	4.05	WoS/Scopus
3	2023- 2024	Dr.S.Natrajan Dr.V.Rameshbabu Dr.S. Ariharasudhan, Investigating the Effect of Knot Configuration and SutureDiameter on the Knot Performance of Silk Sutures, Tekstilec, Vol 66(3), 199-210, DOI: 10.14502/tekstilec.66.2023028 University of Ljubljana Press, Slovenia	0.777	WoS/Scopus
4	2023- 2024	P.Chandrasekaran (2023) Advancements in Basalt Composite Bumpers and performance evaluation through finite element analysis		WoS/Scopus
5	2023- 2024	Vidya, T., Prakash, C., Babu, V. R., Rajwin, A. J., Shah, B. A., & Roy, R. (2023). Thermal properties of different kinds of polyester knitted fabrics. Indian Journal of Fibre & Textile Research (IJFTR), 48(3), 295-301. DOI: https://doi.org/10.56042/ijftr.v48i3.6052 NSIPR	0.825	WoS/Scopus
6	2023- 2024	Ariharasudhan S (2023) INVESTIGATION OF THE IMPACT OF PLASMA TREATMENT ON MOISTURE CONTROL CHARACTERISTICS IN KNITTED FABRICS BLENDED WITH COTTON AND POLYESTER Tec Empresarial | Costa Rica, v. 18 | n. 2 | p. 1227-1237 | ISSN: 1659-2395; E-ISSN: 1659-3359	0.163	WoS/Scopus

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7	2023- 2024	M.SARAVANAN (2023) Casein and Banana Peel-Loaded Bacterial-Resistant Surgical Textiles/ Tekstilec/ 66/ 4/ 252-262/ 10.14502/tekstilec.66.2023020 Tekstilec, International Journal	0.7	WoS/Scopus
8	2023- 2024	Ariharasudhan S/Sundaresan (2024) Studies on sugarcane bagasse/jute fibers reinforced bio-composites for functional thermal insulation materials. Journal of Engineered Fibers and Fabrics. 2024;19. doi:10.1177/15589250231223464 Journal of Engineered Fibers and Fabrics	2.9	WoS/Scopus
9	2023- 2024	R.Sukanya Devi (2024) Synthesis of silver nanoparticles using Pongamia pinnata leaf extract for efficient removal of Acid brilliant red 3BN dye under solar irradiation.315(2023)373-386 DOI: https://doi.org/10.5004/dwt.2023.30149 Desalination and water treatment	1.273	WoS/Scopus
10	2023- 2024	DR.V.Ramesh Babu/S.Sundaresan (2024) Sustainable dyeing techniques: Advancements and innovations in the textile industry MELLIAND INTERNATIONAL	0.03	WoS/Scopus
11	2023- 2024	Ariharasudhan S (2024) investigation of uv protective cotton fabric dyed with pomegranate peel extract, Tec Empresarial | Costa Rica, v. 18 | n. 2 | p. 1255-1264 | 2023 Tec Empresarial P-ISSN: 1659-2395	-	WoS/Scopus
12	2023- 2024	S.Ariharasudhan (2024) Study on Colour Strength and Fastness Properties of Cotton Fabric Dyed with Pomegranate Peel Extraction, March 2024 Man Made Textiles in India, SASMIRA	-	WoS/Scopus
13	2023- 2024	Ariharasudhan Subramanian, Senthil Kumar Selvaraj, Rajaram Mani, Preethibha Chandrasekaran, Shanthi Kunjuraman, Ramratan Guru & Sakthivel Santhanam (2024) Utilizing Waste Cotton/Pigeon Pea Stalk Fibers Composites for Enhanced Sound Absorption and Insulation in Automotive Interiors, Journal of Natural Fibers, 21:1, 2333940, DOI: 10.1080/15440478.2024.2333940	3.5 (2022) Impact Factor Q1 Impact Factor Best Quartile	WoS/Scopus